Appl. No. 10/732,781
Response to Office Action dated 07/29/2008
Reply to Office Action of 02/07/2008

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listing of claims, in the Application.

Listing of claims:

1. (Currently amended) A ~~speech making improvement~~ method of using stored audio and video data~~, the data being audio and video data of participants~~ recorded at a conference as a speech analysis tool~~, the method~~ comprising ~~the steps of~~:

indicating [[an]] a facial expression for which to search from the stored video data, the facial expression being ~~that may have been~~ exhibited by one or more of the participants listening to a ~~during the~~ speech at the conference ~~to search for~~;

determining, using the stored video data in conjunction with an automated facial decoding system, whether at least one participant listening to the speech exhibited the indicated facial expression; and

analyzing, in response to determining that the at least one participant listening to the speech exhibited the facial expression, the speech by analyzing the stored video data representing the at least one participant exhibiting the facial expression and ~~the~~ stored audio data representing what was being said in the speech when the at least one participant exhibited the facial expression to improve a speaker's speech making ability.

2. (Currently amended) The method of Claim 1 wherein ~~the analyzing step includes the step of~~ analyzing the stored video data representing the at

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least one participant exhibiting the facial expression and stored audio data representing what was being said in the speech when the at least one participant exhibited the facial expression includes charting expressions exhibited by the at least one participant over time.

3. (Currently amended) The method of Claim 1 wherein ~~the analyzing step includes the step of~~ analyzing the stored video data representing the at least one participant exhibiting the facial expression and stored audio data representing what was being said in the speech when the at least one participant exhibited the facial expression includes displaying a percentage of time the expression is exhibited by the at least one participant.

4. (Currently amended) The method of Claim 1 wherein ~~the analyzing step includes the step of~~ analyzing the stored video data representing the at least one participant exhibiting the facial expression and stored audio data representing what was being said in the speech when the at least one participant exhibited the facial expression includes displaying a percentage of participants who exhibited the expression.

5. (Currently amended) The method of Claim 1 wherein ~~the analyzing step includes the step of~~ analyzing the stored video data representing the at least one participant exhibiting the facial expression and stored audio data representing what was being said in the speech when the at least one participant exhibited the facial expression includes displaying a percentage of time participants exhibited an expression.

6. (Currently amended) The method of Claim 1 wherein ~~the step of~~ determining whether at least one participant listening to the speech exhibited the indicated facial expression includes ~~the step of~~ passing the

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data through a ~~regional/cultural~~ <u>cultural</u> filter for filtering out the expression if it is a ~~regionally/culturally~~ <u>culturally</u> based expression.

7. (Currently amended) The method of Claim 1 wherein ~~the step of~~ determining <u>whether at least one participant listening to the speech exhibited the indicated facial expression</u> includes ~~the step of~~ passing the data through an individual filter for filtering out the expression if it is an expression particular to the participant.

8. Canceled.

9. (Currently amended) A computer program product on a computer readable <u>storage</u> medium <u>having instructions which when executed by a processor</u> ~~for improving speeches using~~ <u>use</u> stored <u>audio and video</u> data~~,~~ ~~the data being audio and video data of participants~~ <u>recorded</u> at a conference <u>as a speech analysis tool</u>, the ~~computer program product~~ <u>instructions</u> comprising <u>instructions for</u>:

~~code means for~~ enabling a user to indicate [[an]] <u>a facial</u> expression <u>for which to search from the stored video data, the facial expression being</u> ~~that may have been~~ exhibited by <u>one or more of</u> the participants <u>listening to a</u> ~~during the~~ speech <u>at the</u> conference ~~to search for~~;

~~code means for~~ determining, using the stored <u>video</u> data in conjunction with an automated facial decoding system, whether at least one participant <u>listening to the speech</u> exhibited the indicated <u>facial</u> expression; and

~~code means for~~ analyzing<u>, in response to determining that the at least one participant listening to the speech exhibited the facial expression, the</u>

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speech by analyzing the stored video data representing the at least one participant exhibiting the facial expression and the stored audio data representing what was being said in the speech when the at least one participant exhibited the facial expression to improve a speaker's speech making ability.

10. (Currently amended) The computer program product of Claim 9 wherein the ~~code means for analyzing includes code means~~ instructions include instructions for charting expressions exhibited by the at least one participant over time.

11. (Currently amended) The computer program product of Claim 9 wherein the ~~analyzing code means includes code means~~ instructions include instructions for displaying a percentage of time the expression is exhibited by the at least one participant.

12. (Currently amended) The computer program product of Claim 9 wherein the ~~analyzing code means includes code means~~ instructions include instructions for displaying a percentage of participants who exhibited the expression.

13. (Currently amended) The computer program product of Claim 9 wherein the ~~analyzing code means includes code means~~ instructions include instructions for displaying a percentage of time participants exhibited an expression.

14. (Currently amended) The computer program product of Claim 9 wherein the ~~determining code means includes code means~~ instructions include instructions for passing the data through a ~~regional/cultural~~ cultural filter

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for filtering out the expression if it is a ~~regionally/culturally~~ culturally based expression.

15.   (Currently amended) The computer program product of Claim 9 wherein the ~~determining code means includes code means~~ instructions include instructions for passing the data through an individual filter for filtering out the expression if it is an expression particular to the participant.

16.   Canceled.

17.   (Currently amended) An ~~A speech-making improvement~~ apparatus for using stored audio and video data, ~~the data being audio and video data of participants~~ recorded at a conference as a speech analysis tool, ~~the apparatus~~ comprising:

means for indicating [[an]] a facial expression for which to search from the stored video data, the facial expression being ~~that may have been~~ exhibited by one or more of the participants listening to a ~~during the~~ speech at the conference ~~to search for~~;

means for determining, using the stored video data in conjunction with an automated facial decoding system, whether at least one participant listening to the speech exhibited the indicated facial expression; and

means for analyzing, in response to determining that the at least one participant listening to the speech exhibited the facial expression, the speech by analyzing the stored video data representing the at least one participant exhibiting the facial expression and ~~the~~ stored audio data representing what was being said in the speech when the at least one

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participant exhibited the <u>facial</u> expression to improve a speaker's speech making ability.

18.   (Original) The apparatus of Claim 17 wherein the analyzing means includes means for charting expressions exhibited by the at least one participant over time.

19.   (Original) The apparatus of Claim 17 wherein the analyzing means includes means for displaying a percentage of time the expression is exhibited by the at least one participant.

20.   (Original) The apparatus of Claim 17 wherein the analyzing means includes means for displaying a percentage of participants who exhibited the expression.

21.   (Original) The apparatus of Claim 17 wherein the analyzing means includes means for displaying a percentage of time participants exhibited an expression.

22.   (Currently amended) The apparatus of Claim 17 wherein determining means includes means for passing the data through a ~~regional/cultural~~ <u>cultural</u> filter for filtering out the expression if it is a ~~regionally/culturally~~ <u>culturally</u> based expression.

23.   (Original) The apparatus of Claim 17 wherein the determining means includes means for passing the data through an individual filter for filtering out the expression if it is an expression particular to the participant.

24.   Canceled.

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25.   (Currently amended) A ~~speech making improvement~~ system <u>of</u> using stored <u>audio and video</u> data~~, the data being audio and video data of participants~~ <u>recorded</u> at a conference <u>as a speech analysis tool</u>~~, the system~~ comprising:

at least one storage device for storing code data; and

at least one processor for processing the code data to enable a user to indicate [[an]] <u>a facial</u> expression <u>for which to search from the stored video data, the facial expression being</u> ~~that may have been~~ exhibited by <u>one or more of</u> the participants <u>listening to a</u> ~~during the~~ speech <u>at the</u> conference ~~to search for~~, to determine, using the stored <u>video</u> data in conjunction with an automated facial decoding system, whether at least one participant <u>listening to the speech</u> exhibited the indicated <u>facial</u> expression, and to analyze<u>, in response to determining that the at least one participant listening to the speech exhibited the facial expression, the speech by analyzing</u> the <u>stored</u> video data representing the at least one participant exhibiting the <u>facial</u> expression and ~~the~~ <u>stored</u> audio data representing what was being said <u>in the speech</u> when the at least one participant exhibited the <u>facial</u> expression to improve a speaker's speech making ability.

26.   (Original) The system of Claim 25 wherein the code data is further processed to chart expressions exhibited by the at least one participant over time.

27.   (Original) The system of Claim 25 wherein the code data is further processed to display a percentage of time the expression is exhibited by the at least one participant.

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28.   (Original) The system of Claim 25 wherein the code data is further processed to display a percentage of participants who exhibited the expression.

29.   (Original) The system of Claim 25 wherein the code data is further processed to display a percentage of time participants exhibited an expression.

30.   (Currently amended) The system of Claim 25 wherein the code data is further processed to pass the data through a ~~regional/cultural~~ <u>cultural</u> filter for filtering out the expression if it is a ~~regionally/culturally~~ <u>culturally</u> based expression.